

IN THE CLAIMS:

Claim 1. (currently amended) A thermally insulated container (101) for the transport of cargo (102), said container (101) comprising panels (103) comprising at least one outer layer/wall (104) and at least one inner layer/wall (105), between which layers/walls foam material (106) is arranged between the layers/walls (104, 105), being of metal and having a thickness in excess of 50 μm , characterised in that the foam material is an essentially closed cell foam material, said cells (107) enclosing at least two gases (108), said gases (108) having a value λ for thermal conductivity which is lower than that of atmospheric air; and that the gases comprise at least one blowing-agent gas and at least one additive gas and are present in the cells in a ratio by weight of blowing agent to additive gas of 50:1 to 400:1.

Claim 2. (original) A thermally insulated container according to claim 1, characterised in that the foam material (106) is a polyurethane foam.

Claim 3. (previously presented) A thermally insulated container according to claim 1, characterised in that the value for thermal conductivity is, at least for the additive gas, less than 20 mW/m $^{\circ}\text{K}$.

Claim 4. (currently amended) A thermally insulated container according to claim 1, characterised in that the additive gas comprises an inert gas, ~~eg argon~~.

Claim 5. (previously presented) A thermally insulated container according to claim 1, characterised in that the layers/walls (104, 105) are manufactured from a steel alloy and/or an aluminium alloy.

Claim 6. (previously presented) A thermally insulated container according to claim 1, characterised in that the distance between the inner layer (105) and the outer layer (104) is at least 35 mm; and that the cavity between the plane parallel inner and outer layers/walls is filled with foam material, said material being in contact with both layers/walls and faces facing towards the foam material (106) and in the entire expanse there of.

Claim 7. (currently amended) A thermally insulated container according to claim 1, characterised in that the foam material (106) is a rigid or a semi-rigid foam material.

Claim 8. (previously presented) A thermally insulated container according to claim 1, characterised in that the average diameter of the cells is less than 0.4 mm, preferably less than 0.25 mm.

Claim 9. (previously presented) A thermally insulated container according to claim 1, characterised in that the coefficient of diffusion of the foam material is less than that of atmospheric air.

Claim 10. (previously presented) A thermally insulated container according to claim 1,

characterised in that the blowing-agent gas comprises cyclopentane.

Claim 11. (previously presented) A thermally insulated container according to claim 1, characterised in that one of the gases comprises CO₂.

Claim 12. (Cancelled)